

Inventors: Mark A. Bauman et al.

Title: Method and Apparatus for Differentiating Articles in a Product Stream

Assignee: Key Technology, Inc.



INFORMATION DISCLOSURE STATEMENT

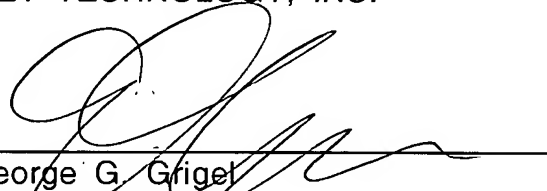
References – See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. No admission is made regarding whether any of the submitted references is prior art. Copies of the references are attached.

Respectfully submitted,

KEY TECHNOLOGY, INC.

Dated: 1-02-02

Attorney: 
George G. Grigel
Reg. No. 31,166

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
KE2-173SERIAL NO.
Not yet assignedLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Mark A. Bauman et al.FILING DATE
Filed HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	H1561	7/2/96	Thompson			
	AB	4,235,243	11/25/80	Saha			
	AC	4,385,634	5/31/83	Bowen			
	AD	6,002,958	12/14/99	Godik			
	AE	6,102,857	8/15/00	Kruger			
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR	<input checked="" type="checkbox"/>	"Power Booster Amplifier, Ramsey Electronics Model No. LPA-1" pamphlet, Ramsey Electronics, Inc., 1994.
	AS		GORING KERR Metal Detectors, X-Ray Systems and Product Inspection Services Web Pages, printed 11/16/98.
	AT		MICROSEMI PIN Diode Handbook - Chapter 7, pgs. 3-5, printed 9/6/01.

EXAMINER

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR		"Piezoelectric Properties of Bone as Functions of Moisture Content," Gloria B. Reinish et al., <u>Nature</u> , Vol. 253, Feb. 20, 1975, pp. 626 and 627.				
	AS		"A Comprehensive Model for Characterizing Stress Generated Potentials," Edward Korostoff, pp. 95-105.				
	AT		"Anomalous Piezoelectric Behavior in Dry Bone," R. Bruce Martin et al., pp. 31-45.				
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		"A New Non-Invasive Device for Monitoring the Piezoelectric Character of Bone," Subrata Saha et al. <u>Electrical Properties of Bone and Cartilage</u> . Grune & Stratton, pp. 57-67.
	AS		"A Non-contacting Electromagnetic Device for the Determination of In Vivo Properties of Bone," R. S. Lakes, Ph.D. et al., <u>Medical Instrumentation</u> , Vol. 12, No. 2, Mar.-Apr. 1978, pp. 106-109.
	AT		"LIXI - FIS Series Inspection System," web pages: http://www.lixi.com/p3.htm , printed November 16, 1998, pp. 1 and 2.

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	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR		"A Non-Invasive Technique for Detecting Stress Waves in Bone Using the Piezoelectric Effect," Subrata Saha et al., <u>IEEE Transactions on Biomedical Engineering</u> , Vol BME-24, No. 6, Nov. 1977, pp. 508-512.				
	AS		"Sources of Piezoelectricity in Tendon and Bone," Wendell S. Williams et al., <u>CRC Critical Reviews in Bioengineering</u> , Feb. 1974, pp. 95-117.				
	AT		"Guidelines for Specifying Underwater Electroacoustic Transducers," E. Kuntsal et al., Presented in UDT-92 Conference, June 1992, London, England, 7 pages.				
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		"Analysis of Bone and Other Piezoelectric Textures," R. Bruce Martin, pp. 141-151.
	AS		"Ultrasonic Transducers," Product Guide, Staveley Sensors, Inc., 1993, pp. 24, 32, 33, and 35.
	AT		"Piezoelectric Properties of Dry and Wet Bone," J. C. Anderson et al., <u>Nature</u> , Vol. 227, Aug. 1, 1970, pp. 491 and 492.

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